TechPort Open Data Support

In May 2013, President Obama signed into law Executive Order 13642, *Making Open and Machine Readable the New Default for Government Information*. This requirement promotes continued job growth, government efficiency, and the social good that can be gained from opening government data to the public. In order to facilitate the Open Data initiatives, government information is managed as an asset throughout its life cycle to promote interoperability and openness, and wherever possible and legally permissible, released to the public in ways that make the data easy to find, accessible, and usable.

NASA is committed to making its data available and machine-readable through an Application Programming Interface (API) to better serve its user communities. NASA's TechPort system provides a RESTful web services API to make technology Program and Project data available in a machine-readable format. This API can be used to export TechPort data into an XML format, which can be further processed and analyzed.

In order to use this capability, queries can be issued to the system with the following URI format:

GET /xml-api/*id_parameter*

Parameter	Required?	Value	Description
id_parameter	Yes	Type: String Default: None	The id value of the TechPort record. TechPort values range from 0 – 20000. Not all values will yield results. Id values can be obtained through the standard TechPort search feature and are visible in the website URLs, e.g. *http://techport.nasa.gov/view/0000*, where 0000 is the id value.

Example usage:

http://techport.nasa.gov/xml-api/4795

Output: The output of this query is an XML file with all field data of the TechPort record.